

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 29 Dec 2020 until 23:59 on Wednesday 30 Dec 2020

Forecast Issued on Tuesday 29 Dec 2020 at 03:04

Confidence: High for remaining cold but lower with regard to details for cloud and any snow showers.

Headline for Tuesday 29 Dec 2020: A few early snow showers then mainly dry with sunny spells. Cold but northerly winds easing.

Mountain weather hazards on Tuesday 29 Dec 2020

Blizzards

No Likelihood

Heavy Snow

Low Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Medium Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy snow	Light snow	Fog	Cloudy	Clear night	Clear night
Precipitation probability					
40%	30%	10%	00%	00%	00%

Forecast for Tuesday 29 Dec 2020

Weather: Snow showers, occasionally heavy at first. Any snow showers soon dying out to leave a bright day with some good spells of sunshine. Remaining dry through the evening with clear spells.

Chance of cloud free mountain/hill tops above 600m: Around 40% at first with occasional or periods of cloud above 600m rising close to 100% by midday with little or no cloud expected below the summits.

Visibility: Very good, temporarily falling to just a few kilometres in snow showers and perhaps less than a kilometre in any heavier showers.

Forecast for Tuesday 29 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 N	15/21 N	13/20 N	10/16 N	9/18 NW	9/14 W	8/15 NW
300	10/23 N	9/21 N	9/20 N	8/17 N	6/15 NW	5/13 NW	5/14 NW
Valley	6/19 N	8/21 N	9/19 N	6/15 N	3/11 N	2/7 N	2/8 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-1/-7	-0/-6	-1/-5	-2/-6	-2/-6	-3/-7
300	-0/-5	1/-3	2/-2	1/-2	-2/-5	-3/-6	-3/-6
Valley	1/-1	2/-1	3/-0	3/0	-1/-3	-2/-5	-2/-4
Freezing Level*	200m	400m	500m	500m	200m	100m	100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures around minus 1 or 2 Celsius at first. Significant chill at all levels throughout.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 29 Dec 2020	3.8mm	10.8mm	45.8mm

Forecast for Wednesday 30 Dec 2020

Weather: Becoming rather cloudy overnight with perhaps the odd light snow showers in the west. Then a rather cloudy day with one or two light snow showers and only limited sunny spells, these mainly across the south. Risk of showers becoming more frequent, and a little heavier during the evening.

Maximum wind: Northwesterly 15mph gradually decreasing 10mph or less.

Chance of cloud free mountain/hill tops above 600m: Around 40% with occasional or periods above 600m, but nearer 75% over southern hills with cloud more occasional.

Visibility: Good or very good falling to just a few kilometres in snow showers and perhaps less than a kilometre during the evening.

Temperature: **Valleys:** Around minus 2 or 3 Celsius overnight rising to 3 or 4 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: Around 300m.